**10-Week Plans (Year 11)**

Department: Science - Chemistry

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|  | **Teaching and Learning** | **Assessment** | **Independent work** |
| **W.c. Mon 21 Feb** | Atomic structure and representing bonding – ionic, covalent, metallic/alloys; Periodic table and its development; Group 0; Isotopes |  | Extracting iron |
| **W.c. Mon 28 Feb** | How bonding and structure relate to properties of substances; Reactivity of metals; Group 1; |  | Structure and bonding of carbon – diamond, graphite, fullerenes |
| **W.c. Mon 7 Mar** | Exo/Endo reactions, RP temperature; Electrolysis |  | EQ’s (to be marked in the next lesson) |
| **W.c. Mon 14 Mar** | Calculations |  | EQ’s (to be marked in the next lesson) |
| **W.c. Mon 21 Mar** | Titration RP method and calculations (HT only); Reactions of acids RP |  | EQ’s (to be marked in the next lesson) |
| **W.c. Mon 28 Mar** | In class assessment (Full paper 1) | In class assessment (Full paper 1) | Exam paper to complete over Easter |
| **Easter** |  |  | Exam paper to complete over Easter |
| **W.c. Mon 18 Apr** | Earth’s atmosphere; Fractional distillation, Cracking, Alkenes |  | Reactions of alkenes |
| **W.c. Mon 25 Apr** | Organic Compounds – OH, COOH, COO-, Polymerisation, DNA |  | EQ’s (to be marked in the next lesson) |
| **W.c. Mon 2 May** | Chromatography; Using resources topic |  | EQ’s (to be marked in the next lesson) |
| **W.c. Mon 9 May** | Electrolysis (Aluminum extraction), Calculations) |  | EQ’s (to be marked in the next lesson) |
|  | Friday 27th May AM  Paper 1 | Friday 27th May AM  Paper 1 |  |
|  | Monday 20th June AM  Paper 2 | Monday 20th June AM  Paper 2 |  |